

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Patent Application

Inventors(s): David John Bishop **Case:** 57-17-4-19-14-18
John VanAtta Gates
Marc Scott Hodes
Avinoam Kornblit
Stanley Pau
Brijesh Vyas

Serial No.: **Group Art Unit:** Not assigned yet

Filing Date: **Examiner:** Not assigned yet

Title: Micro-Channel Chemical Concentrator

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, DC 20231**

SIR:

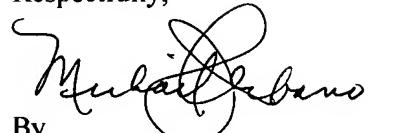
INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement (IDS) is submitted for consideration in the above-identified application.

Copies of the reference(s) listed in the IDS are enclosed.

NO FEE IS REQUIRED.

Respectfully,


By _____

Michael J. Urbano
Attorney for Applicant(s)
Reg. No. 24522
610-691-7710

Date: 02/23/04

Att. IDS with reference(s)

FORM PTO-1449 (REV. 1-84)		U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE							CASE NO. 57-17-4-19-14-18		SERIAL NO		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)									APPLICANT: David John Bishop et al.				
									FILING DATE	GROUP			
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME			CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
	AA	6	4	0	9	0	7	2	06/02	Breuer et al.	228	111.5	
	AB	6	5	4	1	6	7	6	04/03	Franz et al.	585	250	
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												
FOREIGN PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	COUNTRY/AUTHOR			CLASS	SUB-CLASS	TRANSL'N YES NO	
	AL												
	AM												
	AN												
	AO												
	AP												
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)													
	AR	Duke <i>et al.</i> , "Microfabricated Sieve...", <i>Phys. Rev. Lett.</i> , Vol. 80, No. 7, pp. 1552-1555 (Feb 1998) -----											
	AS	Burns <i>et al.</i> , "An Integrated Nanoliter...", <i>Science</i> , Vol. 282, pp. 484-487 (Oct 1998) -----											
	AT	Cummings <i>et al.</i> , "Continuous Streaming...", 7 th International Conference on Miniaturized Chemical and Biochemical Analysis Systems, Squaw Valley, CA, pp. 41-44 (Oct 2003)											
	AU	Jo <i>et al.</i> , "Three-Dimensional Micro-Channel...", <i>J. Microelectromech. Syst.</i> , Vol. 9, No. 1, pp. 76-81 (Mar 2000) -----											
	AV	Wei <i>et al.</i> , "Low temperature wafer...", <i>J. Micromech. and Microeng.</i> , Vol. 13, pp. 217-222 (2003) -----											
	AW	Ma <i>et al.</i> , "Low Temperature Bonding...", Final Report 1998-99 for MICRO Project 98-144 (3 unnumbered pages), University of California, Davis, CA (Dec 2003)											
	AX	Van Laar, <i>Z. Physik Chem.</i> , Vol. 72, p.723 (1910) [no copy attached] -----											
EXAMINER: SHEET 1 OF 1							DATE CONSIDERED:						

EXAMINER:
SHEET 1 OF 1